Set Name side by side	Query	Hit Count	Set Name result set
	DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=ADJ		
L38	L37 and (component$1 near10 request$)	1	L38
L37	l10 and l33	1	L37
L36	l10 or l33	13	L36
L35	L33 and consumer$1	2	L35
L34	L33 and producer$1	0	L34
L33	L32 and ((correlat$ or associat$ or link$ or connect$) same request$1 same component$1)	6	L33
L32	L31 and ((register$ near10 component$1) same ((intermediat$ adj2 module$1) or module$1))	10	L32
L31	L30 and ((control$ or manag$) near10 communicat$ near10 component$1)	682	L31
L30	L29 or l4	16082	L30
L29	((717/107)!.CCLS.)	95	L29
L28	L25 and ((correlat$ or associat$ or link$ or connect$) same request$1 same component$1)	5	L28
L27	L25 and ((correlat$ or associat$ or link$ or connect$) same request$1 same component$1)	5	L27
L26	L25 and (consumer$1 near3 component$1)	0	L26
L25	L24 and ((register$ near10 component$1) same ((intermediat$ adj2 module$1) or module$1))	16	L25
L24	L23 and ((manag$ or control$ or monitor$) near10 component$1).ab.	11275	L24
L23	(manag$ or control$ or monitor$) near10 component$1	181977	L23
L22	(consumer adj component$1) and (producer adj component$1)	1	L22
L21	L19 and (consumer near2 component$1)	0	L21
L20	L19 and (consumer adj component$1)	0	L20
L19	L18 and ((correlat$ or associat$ or link$ or connect$) same request$1 same component$1)	17	L19
L18	L17 and ((register$ near10 component$1) same ((intermediat$ adj2 module$1) or module$1))	98	L18
L17	(communicat$ near10 component$1)	30839	L17
L16	l14 and (consumer adj component$1)	0	L16
L15	L14 and (producer adj component$1)	0	L15
L14	L13 and ((correlat$ or associat$ or link$ or connect$) same request$1 same component$1)	14	L14
L13	L4 and ((register$ near10 component$1) same ((intermediat$ adj2 module$1) or module$1))	38	L13
L12	l11 and (producer adj component$1)	0	L12

L11	l10 and (consumer adj component$1)	1	L11
L10	L9 and ((correlat$ or associat$ or link$ or connect$) same request$1 same component$1)	8	L10
L9	l7 and (request$ near10 component$1)	11	L9
L8	L6 and ((register$ near10 component$1) same ((intermediat$ adj2 module$1) or module$1))	2	L8
L7	L6 and (register$ near10 component$1)	18	L7
L6	L5 and (communicat$ near10 component$1).ab.	112	L6
L5	L4 and (communicat$ near10 component$1)	2331	L5
L4	L3 or l2 or l1	16011	L4
L3	((709/310 |709/311 |709/312 |709/313 |709/314 |709/315 |709/316 |709/317 |709/318 |709/319 |709/320 |709/321 |709/322 |709/323 |709/324 |709/325 |709/326 |709/327 |709/328 |709/329 |709/330 |709/331 |709/332)!.CCLS.)	2319	L3
L2	((709/200 |709/201 |709/202 |709/203 |709/204 |709/205 |709/206 |709/207 |709/208 |709/209 |709/210 |709/211 |709/212 |709/213 |709/214 |709/215 |709/216 |709/217 |709/218 |709/219 |709/220 |709/221 |709/222 |709/223 |709/224 |709/225 |709/226 |709/227 |709/228 |709/229 |709/230 |709/231 |709/232 |709/233 |709/234 |709/235 |709/236 |709/237 |709/238 |709/239 |709/240 |709/241 |709/242 |709/243 |709/244 |709/245 |709/246 |709/247 |709/248 |709/249 |709/250 |709/251 |709/252 |709/253)!.CCLS.)	12716	L2
L1	((709/100 |709/101 |709/102 |709/103 |709/104 |709/105 |709/106 |709/107 |709/108)!.CCLS.)	2419	L1

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Operating systems for component software environments

Mendelsohn, N.
Lotus Dev. Corp., Cambridge, MA;
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INSPEC Accession Number: 5602941

Abstract:
Although component software has emerged as one of the most significant a commercially successful technologies of the past few years, few operating s (OSs) are designed to host and manage component software effectively. Components impact OS architectures in the areas of security, process isola code sharing, installation management and user interface design. A more r question is: can effective OSs be built of modular, interchangeable compon parts? The thesis of this paper is that effective support of components is a l requirement for OSs of the future

Index Terms:
operating systems (computers) security of data software reusability subroutines technological forecasting user interfaces code sharing component software enviro future installation management modular interchangeable components operating s process isolation security user interface design

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